



VICINITY MAP
SCALE: 1" = 2 MILES

LEGEND

- PERMIT BOUNDARY
- PREVIOUSLY SURFACE MINED BY OTHERS
- OCCUPIED DWELLING
- UNOCCUPIED BUILDING/SHED
- CHURCH
- PROPERTY LINE OTHER THAN 1/4-1/4 SECTION LINE
- SURFACE CONTOUR
- SETTLING BASIN
- NATURAL DRAINAGE COURSE
- INTERMITTENT STREAM
- PERENNIAL STREAM
- INDICATES MINERAL OWNERSHIP
- INDICATES SURFACE OWNERSHIP
- INDICATES SURFACE AND MINERAL OWNERSHIP
- LAND HOOK
- RECLAMATION CROSS-SECTION
- LAND SLOPE MEASUREMENT
- DRAINAGE DIVIDE
- PUBLIC ROAD
- PRIVATE ROAD
- TRAIL/DIRT ROAD
- PRIMARY ROAD
- ANCILLARY ROAD
- DIVERSION DITCH/BERM
- RAILROAD
- MONITORING WELL
- DRILL HOLE
- GAS WELL
- COAL STOCKPILE (SEE NOTE)
- P-3810 PERMIT BOUNDARY
- P-3728 PERMIT BOUNDARY
- PROJECTED COAL SEAM OUTCROP:
- G GUIDE SEAM
- B BROOKWOOD SEAM
- M MILLDALE SEAM
- C CARTER SEAM
- CH CURRENT HIGHWALL - 10/08/2014 GPS NAVIGATION GRADE SURVEY
- EXISTING IMPOUNDMENT
- BROOKWOOD OLD WORKS
- SILT FENCING
- BROOKWOOD POLICE JURISDICTION
- ALABAMA WEST ZONE, NAD83 STATE PLANE
- E600887446 COORDINATES IN FILE

ALABAMA STATE OIL AND GAS BOARD HOMEPAGE

CODE	DEFINITION
AB	ABANDONED
AC	ACTIVE
CA	CANCELED
PA	PLUGGED AND ABANDONED
PR	PRODUCING
RI	RELEASED JURISDICTION
SI	SHUT IN
TA	TEMPORARILY ABANDONED
TP	TEMPORARILY PLUGGED AND ABANDONED
UN	UNDESIGNATED

NOTES

- COAL STOCK PILE AREAS ARE LOCATED ON SITE AND ARE SUBJECT TO CHANGE.
- SURFACE AND MINERAL OWNERSHIP BY 1/4-1/4 SECTION UNLESS OTHERWISE SHOWN.
- NO TOPSOIL STOCKPILES SHOWN DUE TO TOPSOIL VARIANCE REQUEST SUBMITTED.
- NO CITY OR TOWN LIMITS WITHIN A 1000' OF PERMIT AREA. COUNTY SHERIFF AND BROOKWOOD POLICE HAVE JURISDICTION WITHIN 1000' OF PERMIT AREA.
- NO OCCUPIED DWELLING WITHIN 1000' OF PERMIT AREA OTHER THAN SHOWN.

POST R-5 BOND LEGEND

- AREA PERMITTED UNDER INCREMENT NO. 1, 66.0 ACRES. 66.0 ACRES MINING AREA.
- AREA PERMITTED UNDER INCREMENT NO. 2, 46.0 ACRES. 46.0 ACRES MINING AREA.
- AREA PERMITTED UNDER INCREMENT NO. 3, 52.0 ACRES. 52.0 ACRES MINING AREA.
- AREA PERMITTED UNDER INCREMENT NO. 4, 72.0 ACRES. 72.0 ACRES MINING AREA. 2.0 ACRES BASIN 022P AND DRAINAGE COURSE
- AREA PERMITTED UNDER INCREMENT NO. 5, 40.0 ACRES. 38.0 ACRES MINING AREA. 2.0 ACRES PRIMARY ROAD AND DRAINAGE COURSES.
- AREA PERMITTED UNDER INCREMENT NO. 6, 13.0 ACRES. 13.0 ACRES INCIDENTAL AREA; BASINS 014E, 015E, 018E, 019E, 020P, 021P AND DRAINAGE COURSES.
- AREA PERMITTED UNDER INCREMENT NO. 7, 9.0 ACRES. 9.0 ACRES INCIDENTAL AREA, PRIMARY ROAD AND COAL STOCKPILE AREAS.

TOTAL PERMITTED AREA..... 305.0 ACRES.

I, Leslie G. Stephens, a Registered Professional Engineer and Land Surveyor, hereby certify the foregoing to be a true and correct map to the best of my knowledge, information, and belief.

Leslie G. Stephens, P.L.S. & P.E.
AL Reg. No. 14117-E

Date

NATURE OF REVISION R-1

-Update the Operation Plan with Regard to Cut Alignment.

NATURE OF REVISION R-2

-Update the Operation Plan with Regard to Cut Alignment. (No Acreage Change)

NATURE OF REVISION R-3

- Transfer 1.0 Mining Acre from Increment No. 1 to Increment No. 7 as an Incidental Acre for a Portion of Primary Road 1E.
- Transfer 4.0 Mining Acres from Increment No. 2 to Increment No. 7 as Incidental Acres for a Portion of Primary Road 1E and Coal Stockpile Area.
- Transfer 3.0 Mining Acres from Increment No. 3 to Increment No. 7 as Incidental Acres for a Portion of Primary Road 1E and Coal Stockpile Area.
- Transfer 1.0 Incidental Acre from Increment No. 6 to Increment No. 7 for a Portion of Primary Road 1E.
- Transfer 1.0 Incidental Acre from Increment No. 2 to Increment No. 6 for Basin 019E.
- Transfer 1.0 Incidental Acre from Increment No. 3 to Increment No. 6 for Basin 020P.
- Transfer 1.0 Acre (1.0 Incidental Acre and 0.4 Mining Acre) from Increment No. 3 to Increment No. 4 for a Portion of Basin 021P and Mining Area.
- Transfer 0.1 Incidental Acre from Increment No. 6 to Increment No. 2 for an Ancillary Road. (Less than 1.0 Acre, No Acreage Change)
- Create Increment No. 7.
- Extend Primary Road 1E.
- Submit the Detailed Design Plans for Primary Road 1E Extension.

NATURE OF REVISION R-4

- Transfer 5.0 Mining Acre from Increment No. 4 to Increment No. 3.
- Transfer 2.0 Mining Acres from Increment No. 3 to Increment No. 4.
- Modify Sediment Basin 020.

NATURE OF REVISION R-5

- Add 26.0 Mining Acres to Increment No. 4.
- Add 2.0 Incidental Acres to Increment No. 6 for Drainage Control and Primary Road 2P.
- Transfer 1.0 Mining Acre to Increment No. 6 from Increment No. 5 for Drainage Course.
- Transfer 3.0 Mining Acres to Increment No. 6 from Increment No. 4 for Basin 021 and Drainage Course.
- Update the General Plan through the Re-Evaluation of Basin 021 to include the R-5 Revision area disturbance.
- Update the Operation Plan.
- Extend the topsoil variance to include the area added by R-5.
- Submit the Detailed Design Plans for Primary Road 2P.

BASE MAP TAKEN FROM THE BROOKWOOD, COALING, COTTONDALE AND LAKE NICOL U.S.G.S. QUADRANGLE MAPS.

drawn by: S.W.L. job number: -
checked by: L.G.S. initial date: 6/6/2014
scale: 1" = 500' f.b./page: -
diskette no: - dwg name: BWMSBPMRS
rev no./date: - rev no./date: -



PERMIT AND VICINITY MAP
BLACK WARRIOR MINERALS, INC.
SEABOARD MINE
P-3937 / REVISION R-5
SECTIONS 4, 5 & 8
TOWNSHIP 21 SOUTH, RANGE 8 WEST
SECTIONS 32 & 33
TOWNSHIP 20 SOUTH, RANGE 8 WEST
TUSCALOOSA COUNTY, ALABAMA